

Title (en)

MEMS SENSOR UNIT FOR SECURITY APPLICATIONS

Title (de)

MEMS-SENSOREINHEIT FÜR SICHERHEITSANWENDUNGEN

Title (fr)

CAPTEUR A MICROSYSTEME ELECTROMECHANIQUE POUR DES APPLICATIONS DE SECURITE

Publication

EP 1815450 A4 20100127 (EN)

Application

EP 05851415 A 20051108

Priority

- US 2005040330 W 20051108
- US 99562404 A 20041123

Abstract (en)

[origin: WO2006057804A2] A MEMS (micro-electronic mechanical system) sensor unit is described for wireless security applications that provides an extended battery life for the MEMS sensor unit, to provide both immediate MEMS motion detection, and also an "out of range" detection capability when the MEMS sensor unit is moved beyond the range of a security receiver, providing both capabilities without an unacceptable reduction in battery life for the MEMS sensor unit.

IPC 8 full level

G08B 13/14 (2006.01)

CPC (source: EP US)

G08B 13/1427 (2013.01 - EP US); **G08B 13/1436** (2013.01 - EP US); **G08B 21/023** (2013.01 - EP US); **G08B 21/025** (2013.01 - EP US); **G08B 21/0252** (2013.01 - EP US)

Citation (search report)

- [I] US 5963131 A 19991005 - D ANGELO MICHAEL R [US], et al
- [I] US 2002113705 A1 20020822 - WALLACE TERENCE [US]
- [I] EP 1457941 A2 20040915 - CAGNAZZI SERENA [IT], et al
- See references of WO 2006057804A2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 2006057804 A2 20060601; **WO 2006057804 A3 20061109**; AU 2005309892 A1 20060601; AU 2005309892 B2 20091217; CN 100538758 C 20090909; CN 101065787 A 20071031; EP 1815450 A2 20070808; EP 1815450 A4 20100127; EP 1815450 B1 20130306; ES 2406001 T3 20130604; US 2006119476 A1 20060608; US 7129842 B2 20061031

DOCDB simple family (application)

US 2005040330 W 20051108; AU 2005309892 A 20051108; CN 200580040048 A 20051108; EP 05851415 A 20051108; ES 05851415 T 20051108; US 99562404 A 20041123